

*THE WORLD RHYPAROCHROMINAE*  
(HEMIPTERA : LYGAEIDAE)

*IV. On some Rhyparochrominae types*  
*in the Museum National d'Histoire Naturelle, Paris.*

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While preparing a monograph of the Rhyparochromine Lygaeidae of the World, it was necessary to study the type material of species in various Museums. In so doing, it was found that in many cases no type specimen had been designated by early workers. When in Paris in 1965, the opportunity was thus taken to select lectotypes and so stabilise the identities for future work. This paper considers the lectotypes selected in the Museum National d'Histoire Naturelle, Paris and includes species described by d'ANTESSANTY, DUFOUR, NOUALHIER and PUTON.

Since the above mentioned Hemipterists usually did not attach determination labels to their specimens, some difficulty was experienced in locating a few species. However, since the original collections in Paris have not so far been amalgamated, most species were located. Further, very few 'Type' labels had been placed on specimens previously, and so, although the material is not clearly indicated, it was possible to select lectotypes so as to agree with present concepts. Nevertheless, it is obvious that material has in the past been moved from one collection to another (see ROYER, 1922) : it was thus necessary to search all collections for type material. It is possible that some species and specimens not located in this study, may be found by subsequent workers with more time at their disposal than was available to the present author.

The following list is arranged under species names in alphabetical order : reference is given to the original binomen, the reference for the original description and the present systematic position. Lectotypes selected are described and their labels noted ; any paralectotypes selected are also listed. All lectotypes selected have been so labelled with a pink label giving the original binomen, author, date of publication and the fact that they were selected by the author in 1965. Full bibliographic information can be found in SLATER (1964).

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#### D'ANTESSANTY TYPES

*noviburgensis*, *Notochilus* (*Thaumastopus*) d'Antessanty, 1888 Rev. ent. Caen 7 : 383. Described from three specimens, Bourgneuf (Loire-Inférieure) Sept. Lectotype ♀ with labels : " 181 " and in Royer Coll. (see ROYER, 1922). Glued to card; left antenna missing. Synonym of *Thaumastopus longicollis* (Fieber 1861).

*sylvaticus* var. *niger*, *Drymus* d'Antessanty, 1891 Mém. Soc. Aube 54 : 205. Not located. Synonym of *Drymus ryei* D. & S. 1865.

#### DUFOUR TYPES

*brachiidens*, *Rhyparochromus* Dufour, 1851 Ann. Soc. ent. Fr. (2) 9 : 327. Described from Hispaniae collibus Matritensibus, Mieg. Lectotype with labels : " 69 " ; " 1706h ". Pinned with abdomen missing. Present combination *Neurocladus brachiidens* (Dufour).

#### NOUALHIER TYPES

*canariensis*, *Tropistethus* Noualhier, 1893 Ann. Soc. ent. Fr. 62 : 11. Described from the Canaries : Tafira, Teror. Lectotype ♀ with labels : " Gde. Canarie Geror [Alluaud] " ; " Tropistethus canariensis type Noualhier. " Micropinned through scutellum and mounted on polyporus strip. Synonym of *Tropistethus seminitens* Puton 1889.

*discrepans*, *Aphanus* Noualhier, 1898 Bull. Mus. Paris 1898 : 233. Type material not located in 1965, although studied in 1960. Described from Rufisque (Coll. Mus. Paris). Synonym of *Allocentrum crassifemur* (Stål 1855).

*latusculus*, *Ischnocoris* Noualhier, 1893 Ann. Soc. ent. Fr. 62 : 11. Described from Palma, zone des Lauriers. Lectotype ♀ with labels : " I. Canaries, Palmo el Copito » " [Alluaud] " .

*lathierryi* var. *canariensis*, *Lethaeus* Noualhier, 1893 Ann. Soc. ent. Fr. 62 : 12. Described from Fuerteventura : environs de Puerto-Cabras ; Canaria : Las Palmas, sous les pierres d'une pente aride. Lectotype ♀ with labels : " I. Canaries. Fuerteventura Puerto Cabras " ; " [Alluaud] " . Micropinned and mounted on card.

*praetextatus* var. *obscuratus*, *Rhyparochromus* Noualhier 1893, Ann. Soc. ent. Fr. 62 : 10. Described from Canaria : Tafira, sur un Bananier pourri. Not located. Present combination *Megalonotus praetextatus obscuratus* (Noualhier).

PUTON TYPES

*abeillei*, *Notochilus* Puton, 1871 Pet. Nouv. Ent. 1 (31) : 124. Described from Sainte-Baume. Lectotype ♀ with label "Ste-Baume". In the Puton Collection was located three female specimens on two pins. The lectotype has been selected from the pin with two specimens glued to individual cards; this has been mounted on a separate card and labelled lectotype. The other two female specimens have been labelled paralectotypes. Synonym of *Notochilus ferrugineus* (Mulsant & Rey 1852).

*amabilis*, *Proderus* Puton, 1873 Ann. Soc. ent. Fr. (5) 4 : 17. Described from Biskra (Lethierry). Lectotype ♀ in Puton Collection with label "Biskra". Also, there are 1 ♂ 2 ♀♀ in Noualhier Collection with label "Biskra".

*andrei*, *Notochilus* (*Taphropeltus*) Puton, 1877 Bull. Soc. ent. Fr. (5) 7 : 34. Described from Gray (Haute-Saône). Trouvé par M. ANDRÉ. Lectotype ♀ in Puton Collection with label "Gray". Lectotype has end segment of left antenna missing. Paralectotype ♀ in Puton Coll. with label "Gray" and 1 ♀ in Noualhier Coll. with label "Gray". Present combination *Taphropeltus andrei* Puton.

*angularis corsicus*, *Icus* Puton, 1878 Synopsis : 43. Described from Corse. Lectotype ♂ with label "Corse". Has end segment of both antennae missing.

*angustula*, *Camptocera* Puton, 1887 Rev. ent. Caen 6 : 303. Described from Biskra (LETH., MARMOTTAN & PUTON), Gafsa (SEDILLOT). Lectotype ♀ on card point with label "Biskra". Paralectotype from Gafsa.

*bellevoyei*, *Proderus* Puton, 1874 Pet. Nouv. Ent. 1 (113) : 452. Described from Syria. Lectotype ♀ with label "Syrie". Lectotype has end segment of left antenna, left hind leg, right middle and hind leg missing. There is also 1 ♀ with label "Syrie" in the Noualhier Coll.

*brevicornis*, *Rhyparochromus* Puton, 1883 Rev. ent. Caen 2 : 13. Described from Syrie, Safed (M. ABEILLE DE PERRIN). Lectotype ♀ with label "Safed". Is glued to card and has the left hind leg and right antenna missing. Present combination *Megalonotus brevicornis* (Puton).

*calcaratus*, *Plociomerus* (*Diplonotus*) Puton, 1874 Pet. Nouv. Ent. 1 (109) : 436. Described from Biskra, Bone, Misserghin, Apt (Vaucluse). Lectotype ♂ with label "Biskra". Lectotype with left antenna missing. In the Puton Collection are 1 ♂ "Biskra", 1 ♀ "Apt" and 3 ♀♀ "Bone"; these have been labelled paralectotypes. Synonym of *Remaudiereana annulipes* (Baerensprung 1859).

- colon*, *Megalonotus* Puton, 1874 Ann. Soc. ent. Fr. (5) 4 : 214. Described from Syra (M. ERBER). In Puton Collection is a ♂ with label "Besika Bay".
- coracipennis*, *Noualhiera* Puton, 1889 Rev. ent. Caen 8 : 301. Described from Ténériffe, Santa Cruz. Lectotype ♂ with label "Ténériffe"; glued to card point. Paralectotype 1 ♀ labelled "Ténériffe". Present combination *Noualhiera quadripunctata coracipennis* Puton.
- damryi*, *Notochilus* Puton, 1871 Pet. Nouv. Ent. 1 (31) : 124. Described from Corsica. Lectotype ♂ with label "Corse"; end segment of both antennae, left middle and right hind leg missing. In the Noualhiera Collection there is 1 ♀ "Corse".
- encaustus*, *Anepsius* Puton, 1869 Ann. Soc. ent. Fr. (4) 9 : 143. Described from Biskra (LETH. & MARMOTTAN). Lectotype ♂ with labels "Biskra" and a red "TYPE" label; glued to card with legs and antennae missing, and genital capsule dissected out and glued to card beside specimen. Paralectotype 1 ♀ "Biskra". Present combination *Anepsiocoris encaustus* (Puton).
- fuentei*, *Aphanus* Puton, 1894 Rev. ent. Caen 13 : 114. Described from Ciudad Real. Lectotype ♂ in Noualhiera Collection with labels : "Ciudad Real"; "[Puton]"; "type" [Noualhiera's hand-writing]. Lectotype with end segment of right antennae missing. In the Puton Collection are three other specimens without labels. Present combination *Trichaphanus fuentei* (Puton).
- fulvovarius*, *Lethaeus* Puton, 1884 Rev. ent. Caen 3 : 142. Described from Syrie (ABEILLE DE PERRIN). Lectotype ♀ with label "Syrie"; end segment of left antenna, end three segments of right antenna and left middle leg missing. The only specimen so labelled in the Puton Collection.
- gandolphei*, *Notochilus* Puton, 1871 Pet. Nouv. Ent. 1 (31) : 124. Described from Bone (Algeria). Lectotype ♀ with label "Bone"; end segment of left antenna missing. This is the only specimen in the Puton Collection so labelled, but in the Noualhiera Collection is located 1 ♂ "Bone". Present combination *Thaumastopus gandolphei* (Puton).
- gracilicornis*, *Emblethis* Puton, 1883 Rev. ent. Caen 2 : 13. Described from Arabia, Djeddah (M. ABEILLE DE PERRIN). Lectotype ♀ with label "Djeddah"; end segment of right antenna, right hind leg and all left legs (except middle femur) missing. The only specimen in the Puton Collection under this species.
- gracilicornis*, *Peritrechus* Puton, 1877 Pet. Nouv. Ent. 2 (168) : 117. Described from Corse and Rouen. Lectotype ♀ with label "Corse"; right hind leg missing. Paralectotypes 1 ♂ "Rouen"; 3 ♂♂ 2 ♀♀ "Corse".
- gracilicornis rhomboidalis*, *Peritrechus* Puton, 1877 Pet. Nouv. Ent. 2 (168) : 117. Described from Syria. Lectotype ♂ with label "Akbès"; end segment of left antenna, end two segments of right antenna and

- right middle leg missing. Paralectotype 1 ♀ “Akbes”. Present combination *Peritrechus rhomboidalis* Puton.
- hemipterus* var. *nigricans*, *Ichnocoris* (*sic*) Puton, 1871 Mitt. Schweiz. Ent. Ges. 3 : 417. Lectotype ♀ with label “Corse”; end segment of right antenna missing. Paralectotype 1 ♂ “Corse”. Present combination *Ichnocoris angustulus nigricans* Puton.
- heteronotus*, *Rhyparochromus* Puton, 1886 Expl. Sci. Tunisie : 4, 16. Described from a single example collected by M. SÉDILLOT, between Gabès and Bir Marabot. Holotype ♂ in Puton collection with label “J. Gabei c. bir Marboth”. Glued to card; end segment of left antenna missing. Present combination *Tethallotrum heteronotum* (Puton).
- laevigatus*, *Plinthisus* Puton, 1884 Rev. ent. Caen 3 : 142. Described from Carthagine (MARMOTTAN). Lectotype ♀ with label “Carthagine”; end two segments of left antenna and end segment of right antenna missing. The only specimen so labelled in the Puton Collection.
- lathridioides*, *Drymus* Puton, 1889 Rev. ent. Caen 8 : 303. Described from a single specimen from Madeira. Holotype ♀ with label “Madere Sta. Anna”; glued to card with end segment of right antenna missing. Present combination *Esuridea lathridioides* (Puton).
- lethierryi*, *Coptoneurus* Puton, 1869 Ann. Soc. ent. Fr. (4) 9 : 142. Described from Biskra (LETHIERRY & MARMOTTAN). Lectotype ♂ with label “Biskra”; end two segments of right antenna and left middle leg missing. This is the only specimen so labelled in the Puton Collection. In the Noualhier Collection are 1 ♂ 2 ♀♀ “Biskra”. Present combination *Lethaeus lethierryi* (Puton).
- longipilus*, *Rhyparochromus* Puton, 1884 Rev. ent. Caen 3 : 312. Described from Bone (Coll. SIGNORET). Lectotype ♂ with labels : “Bone Coll. Signoret”; “longipilus det. Signoret”; “Rhyparochromus longipilus Put. 1883 (type)”. The only specimen in Signoret’s collection and with the end segment of left antenna missing. Lectotype in the Naturhistorisches Museum, Vienna. Present combination *Megalonotus longipilus* (Puton).
- longirostris*, *Gastrodes* (*Orsilloides*) Puton, 1884 Rev. ent. Caen 3 : 142. Described from a single specimen in the Marmottan Collection, Téniet (Algeria). Holotype ♀ in Marmottan Collection with label “Téniet”. Present combination *Orsilloides longirostris* Puton.
- maximus*, *Rhyparochromus* Puton, 1895 Rev. ent. Caen 14 : 172. Described from Akbès (DELAGRANGE) in Fairmaire Coll. Lectotype ♂ without antennae and with labels : “Syrie Akbès 189. Coll. de Fairmaire. 1966.”; “Rhyparochromus maximus Put. (type)”. The only specimen in the Fairmaire Collection. Present combination *Megalonotus maximus* (Puton).
- mayeti*, *Stygnus* Puton, 1879 Bull. Soc. ent. Fr. (5) 9 : xvi. Described from Rocante, près Béziers (M. VALÉRY MAYET). Lectotype ♂ in Puton Collection with label “Béziers Rocante”. Paralectotype 1 ♂

- in Noualhier Collection, labelled "Béziers"; "[Puton]". Present combination *Stygnocorisella mayeti* (Puton).
- meridionalis*, *Peritrechus* Puton, 1877 Pet. Nouv. Ent. 2 (168) : 117. Described from Béziers, Cette, Toulouse, Corse and Syrie. Lectotype ♀ with label "Cette". Paralectotypes 1 ♂ "Corse"; 2 ♂♂ "Beziers" and 2 ♀♀ "Cette".
- nervosus* var. *intermedius*, *Notochilus* Puton, 1881 Mitt. Schw. Ent. Ges. 6 : 123. Described from Jérusalem. In the Puton Collection is a single male labelled "Jaffa". Present combination *Taphropeltus intermedius* (Puton).
- nitidicollis*, *Megalonotus* Puton, 1874 Ann. Soc. ent. Fr. (5) 4 : 213. Described from Corse (M. DAMRY). Lectotype ♀ with label "Corse"; the only specimen so labelled in the Puton Collection, glued to a card point and with end two segments of right antenna missing.
- nitidicollis*, *Tropistethus* Puton, 1887 Rev. ent. Caen 6 : 97. Described from a single specimen from Ras el Aioun (Tunisie) (M. SÉDILLOT). Holotype ♀ with label "Ras el Aioun VI. 1885"; glued to card and with end segment of both antennae missing.
- pallipes*, *Ischnopeza* Puton, 1892 Rev. ent. Caen 11 : 27. Described from Biskra (LETHIERRY & PUTON) and a single specimen from Akbès (Syrie) (DELAGRANGE). Lectotype ♀ with label "Biskra"; end segment of left antenna and end three segments of right antenna missing. The only specimen so labelled in the Puton Collection.
- pedestrus* var. *funerea*, *Pachymerus* Puton, 1879 Mém. Soc. Sci. Agr. Lille (4) 6 : 337. Lectotype ♂ with label "Corse". The only specimen so labelled in the Puton Collection. Present combination *Raglius alboacuminatus funereus* (Puton).
- pini intermedius*, *Aphanus* Puton, 1888 Rev. ent. Caen 7 : 104. Described from Batna (MARMOTTAN coll.). Lectotype ♀ with label "Batna"; pinned through scutellum, with both fore legs and end segment of left antenna missing. The only specimen from Batna in the Puton Collection. Present combination *Rhyparochromus pini intermedius* (Puton).
- plinioides*, *Plinthisus* (*Plinthisomus*) Puton, 1874 Pet. Nouv. Ent. 1 (113) : 452 Described from Syrie. Lectotype ♀ with label "Syrie"; end segment of right antenna missing. The only specimen so labelled in the Puton Collection.
- puncticollis nigrofemoratus*, *Rhyparochromus* Puton, 1889 Rev. ent. Caen 8 : 302. There is no definite locality given in the original description. In the Puton Collection are 1 ♂ 1 ♀ with label "Blida (Algérie) L. Bleuse". Present combination *Megalonotus puncticollis nigrofemoratus* (Puton).
- pumilio*, *Drymus* Puton, 1877 Bull. Soc. ent. Fr. (5) 7 : xxxv. Described from two specimens from Lille (M. LETHIERRY). Lectotype ♂ in Noualhier Collection with label "Lille"; end two segments of left antenna and end segment of right antenna missing..

- Ragusae*, *Dieuches* Puton, 1875 Bol. Soc. ent. Ital. 7 : 255. Described from Pantellaria Is. (Ragusa). Not located. Synonym of *Dieuches armipes* (Fabricius 1794).
- reyi*, *Plinthisus* (*Isioscytus*) Puton, 1882 Rev. ent. Caen 1 : 185. Described from Collioure (Pyr.-Or.) and Port Bou (Catalogne). Lectotype ♂ with label "Collioure"; left antenna oligomeric. Paralectotype 1 ♀ "Collioure".
- semitens*, *Tropistethus* Puton, 1889 Rev. ent. Caen 8 : 302. Described from Ténériffe. Lectotype ♂ with label "Ténériffe"; glued to card point and with end two segments of both antennae and left hind leg missing. Paralectotype 1 ♂ "Ténériffe".
- setosus*, *Megalonotus* Puton, 1874 Pet. Nouv. Ent. 1 (110) : 440. Described from Médéah, Constantine, Bone. Lectotype ♀ with label "Constantine"; glued to card and with left fore leg and end three segments of left antenna missing. Paralectotypes 1 ♀ "Bone" in Puton Collection, and 1 ♀ "Médéah" in the Noualhier Collection.
- simonis*, *Marmottania* Puton, 1887 Rev. ent. Caen 6 : 303. Described from Biskra. Lectotype ♂ with labels "Biskra" and a red "TYPE" label. The only specimen so labelled in the Puton Collection.
- subglaber*, *Stygnus* Puton, 1889 Rev. ent. Caen 8 : 393. Described from a single specimen taken in Ténériffe. There is no specimen standing under this species in the Puton Collection, although one pin-hole is present. However, in the Noualhier Collection is a ♀ with label "Teneriffe" (Las Hercedes [Alluaud]). This specimen has been labelled holotype, is glued to a card point and has the end two segments of both antennae and left middle leg missing. Present combination *Stygnocoris subglaber* (Puton).
- translucidus*, *Rhyparochromus* Puton, 1898 Rev. ent. Caen 17 : 167. Described from a single specimen from Ghardaia (CHOBART coll.). This specimen has not been located, although there are three female specimens of *Hyalocoris pilicornis* Jakovlev standing under *pilicornis* in the Puton Collection, and bearing the label "GHARDAIA (M'ZAB) SUD-ALGÉRIEN". Present combination *Hyalocoris translucidus* (Puton).
- verbasci* var. *bullans*, *Emblethis* Puton, 1878 Synopsis Hem. Fr. : 67. Described from Béziers, Avignon. Not located.
- weyersi*, *Lamprodema* Puton, 1887 Rev. ent. Caen 6 : 97. Described from Aguilas près Carthagine (Coll. Weyers, prés. M. LETHIERRY). Lectotype ♂ with label "Aguilas près Carthagio"; end three segments of right antenna missing. The only specimen so labelled in the Puton Collection.

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